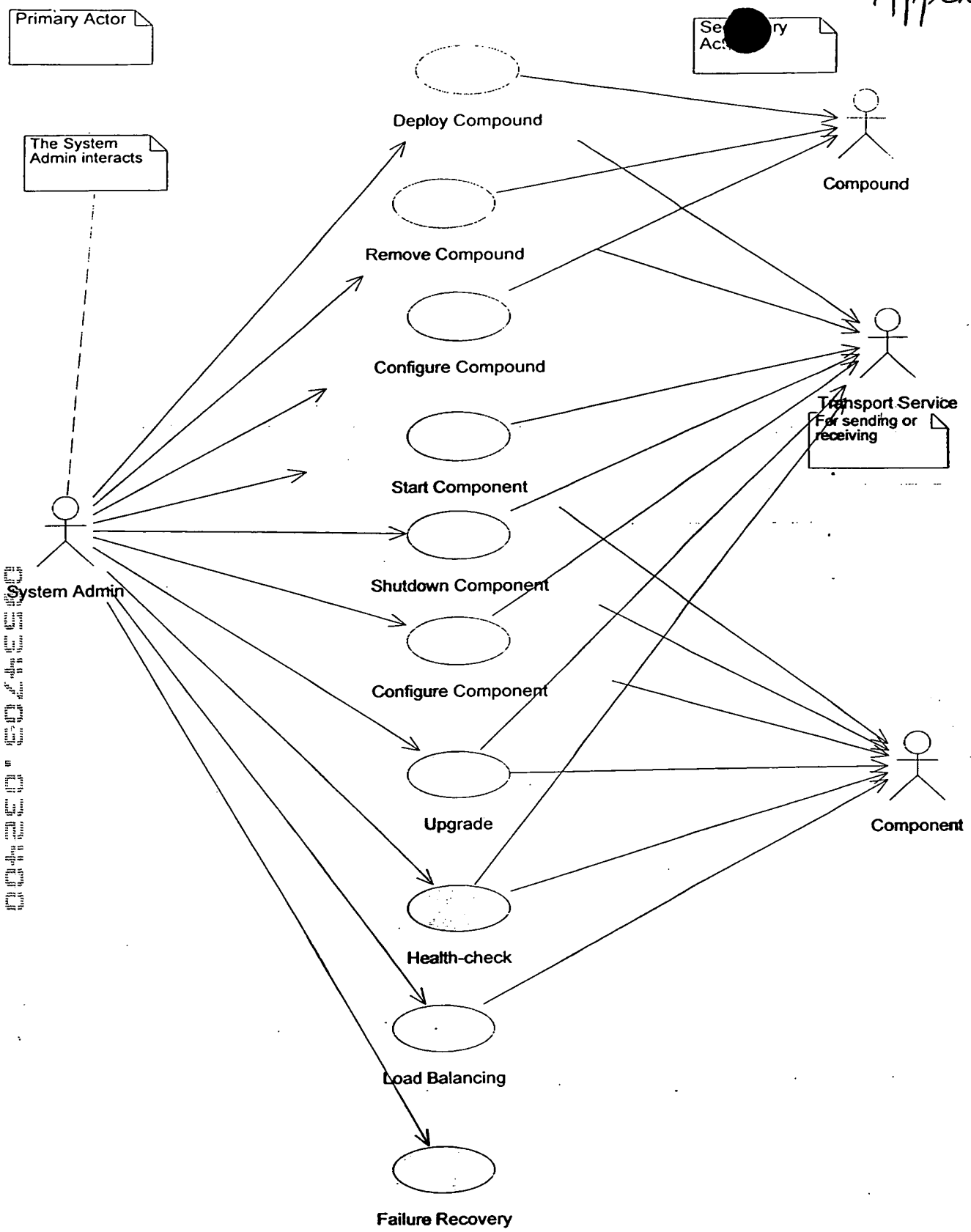
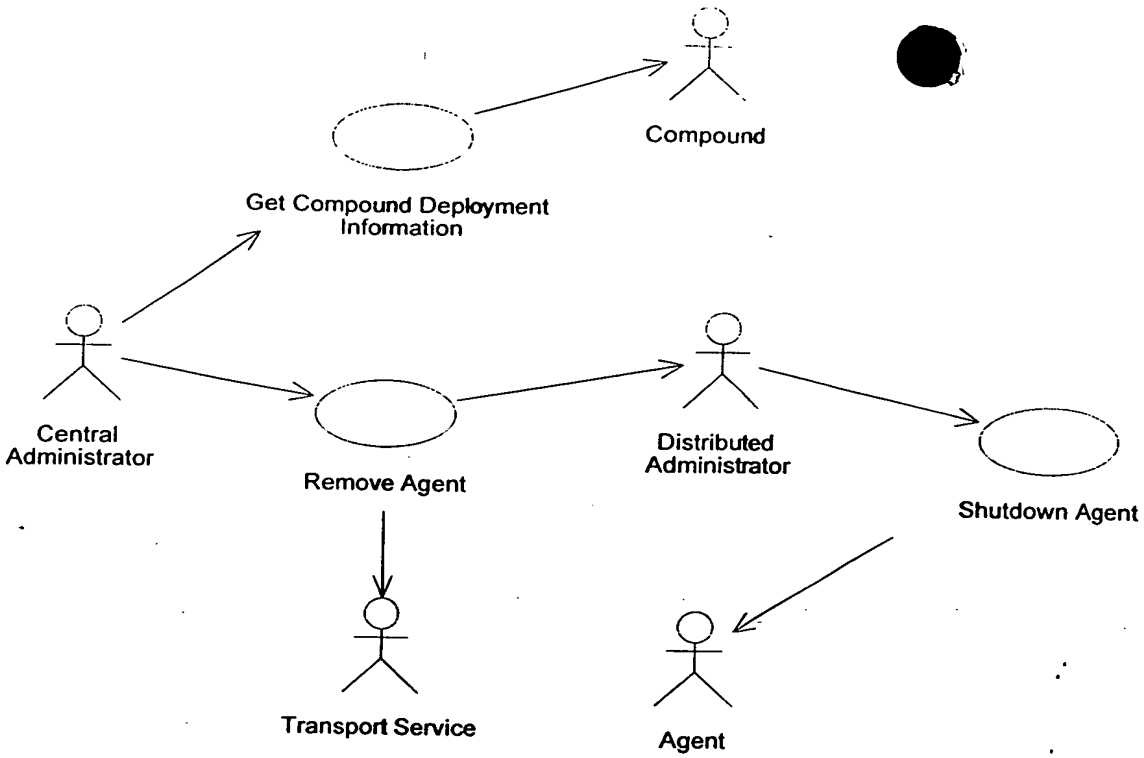
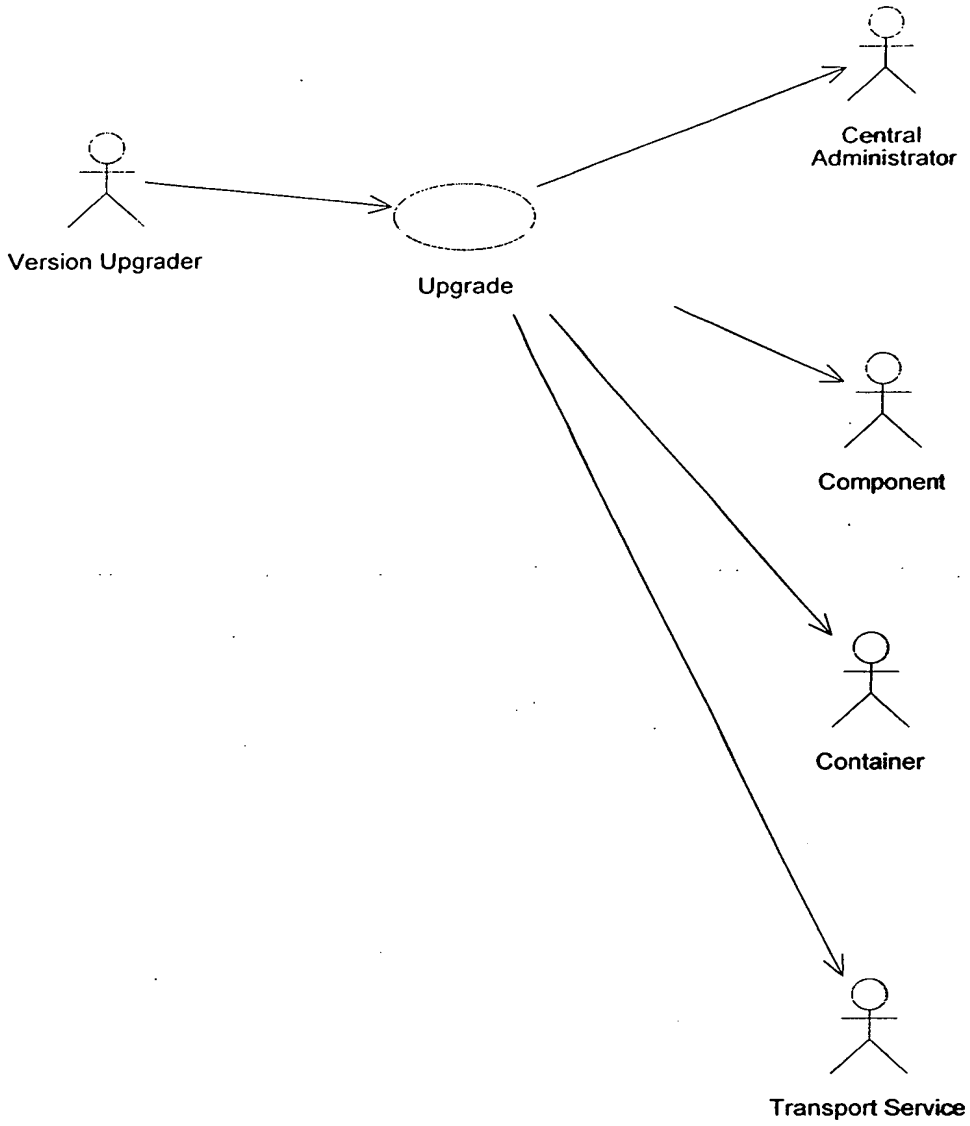
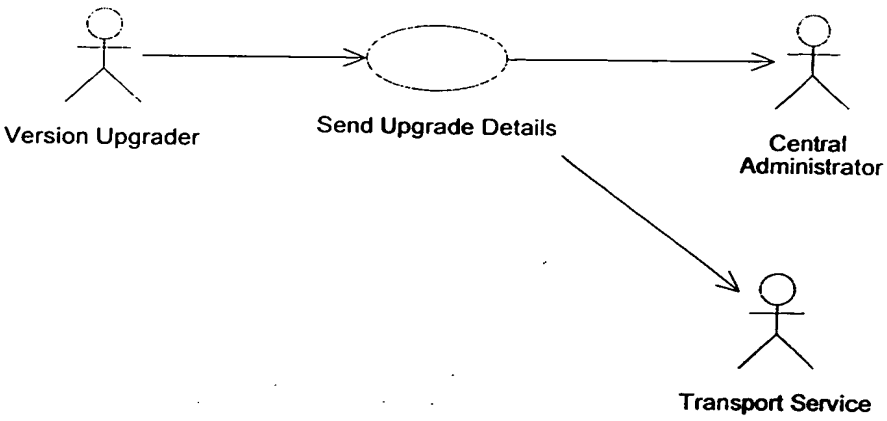
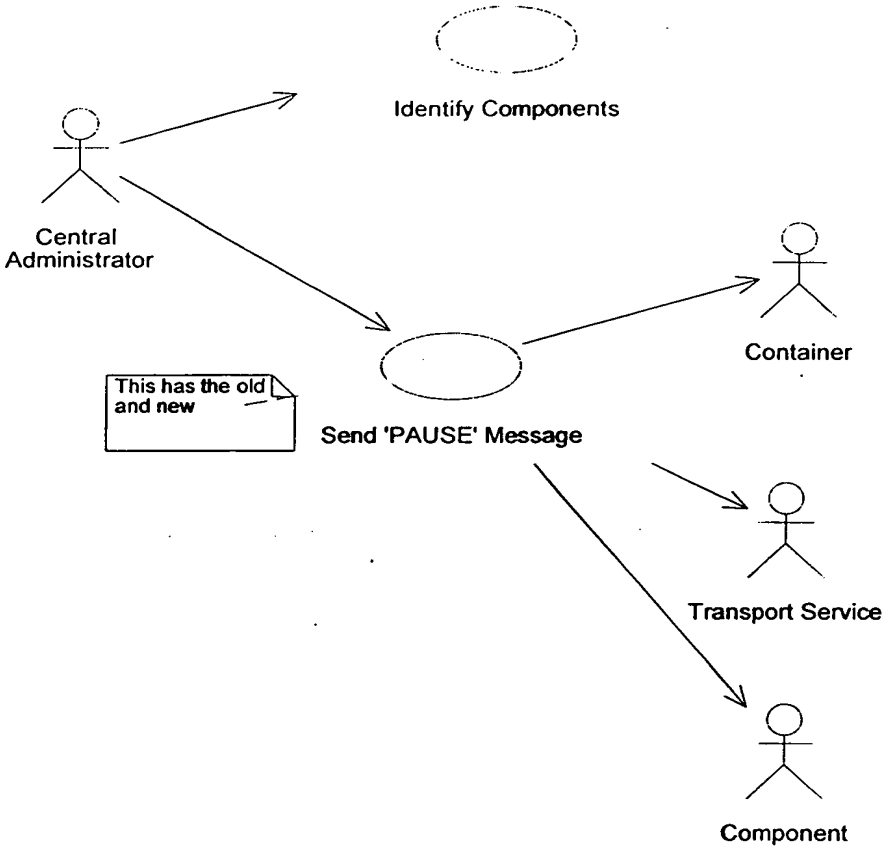
Appendix A

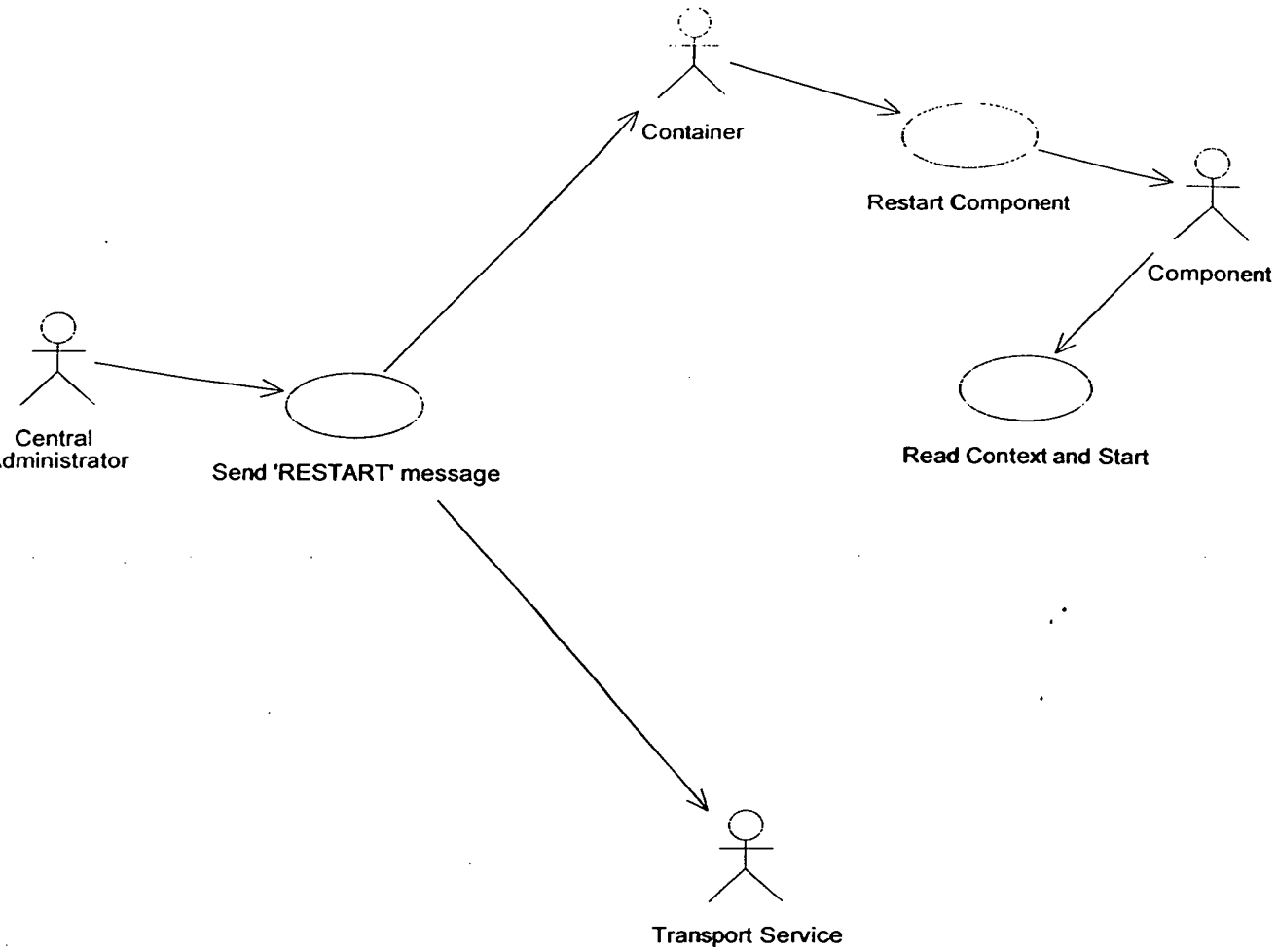

Primary Actor
Deploy Compound
Compound
The System Admin interacts
Remove Compound
Configure Compound
Transport Service
For sending or receiving
Start Component
System Admin
Shutdown Component
Configure Component
Upgrade
Component
Health-check
Load Balancing
Failure Recovery

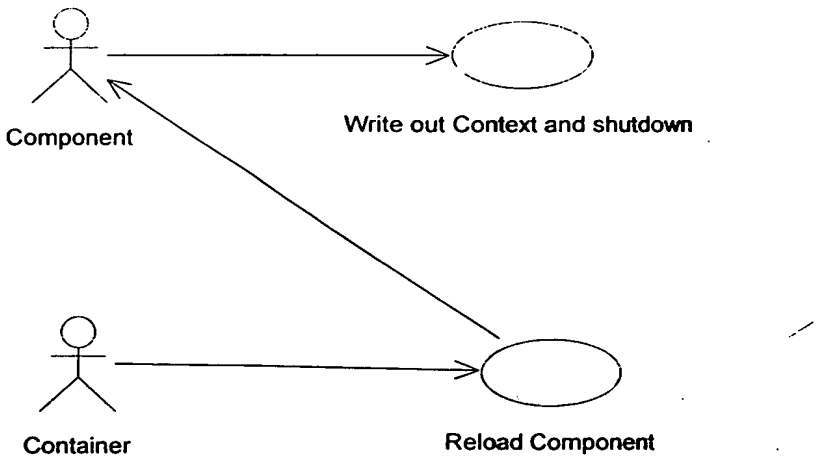

Compound
Get Compound Deployment Information
Central Administrator
Remove Agent
Distributed Administrator
Shutdown Agent
Transport Service
Agent

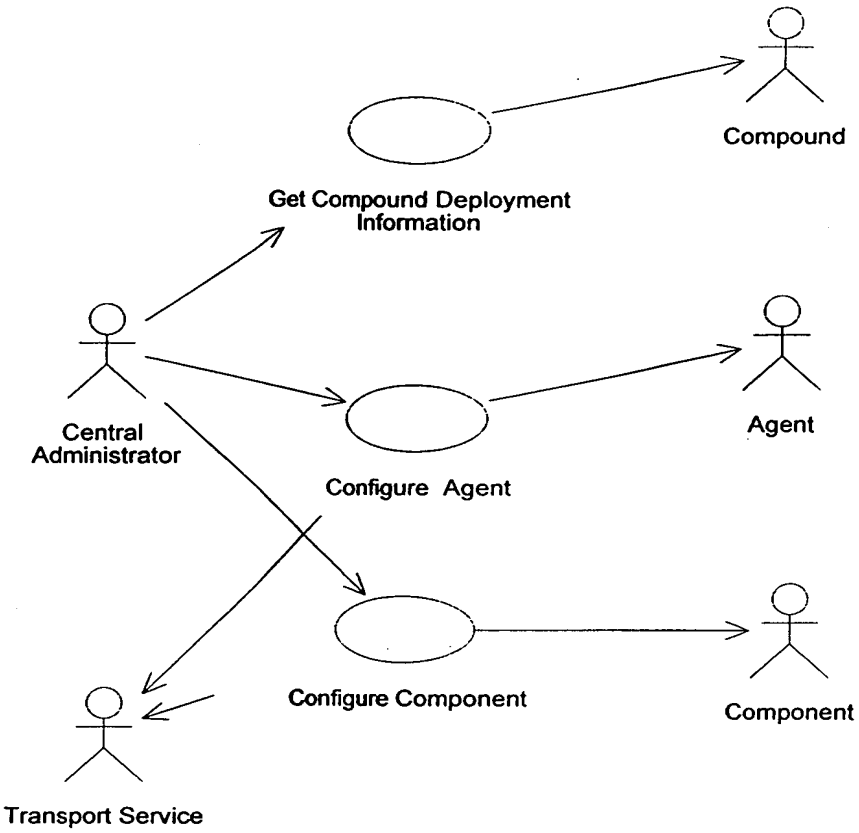

Central
Administrator
Version Upgrader
Upgrade
Component
Container
Transport Service

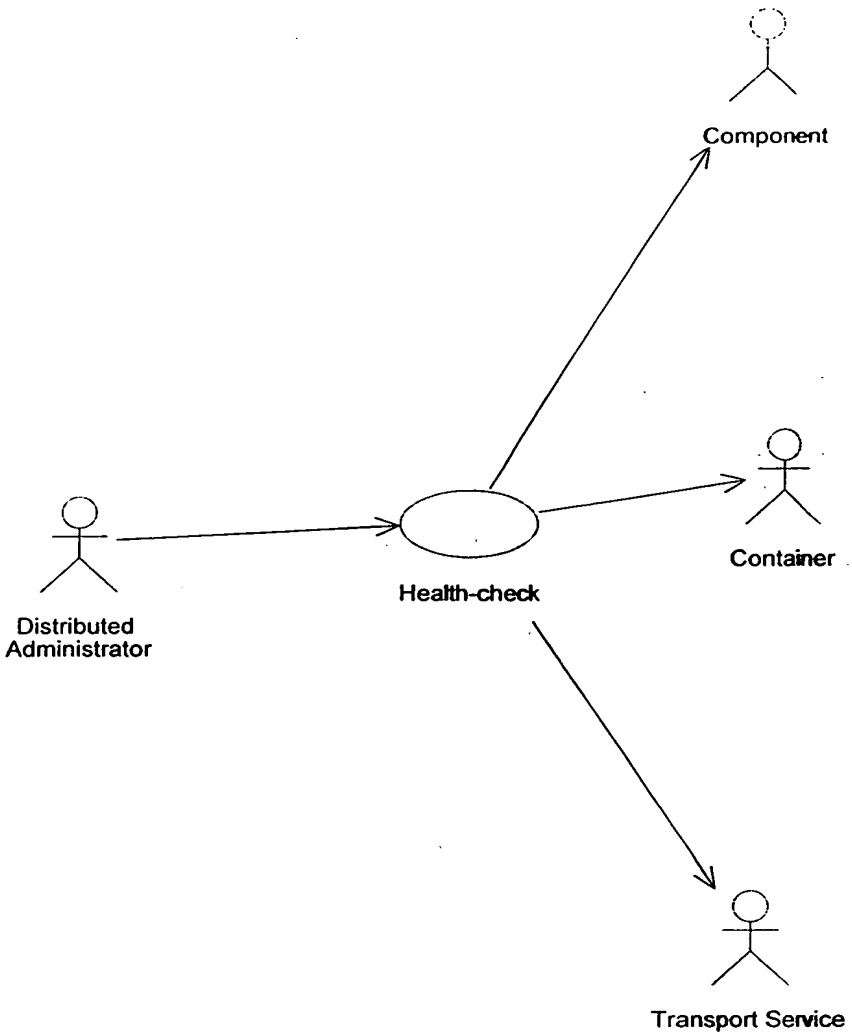

Version Upgrader
Send Upgrade Details
Central Administrator
Transport Service

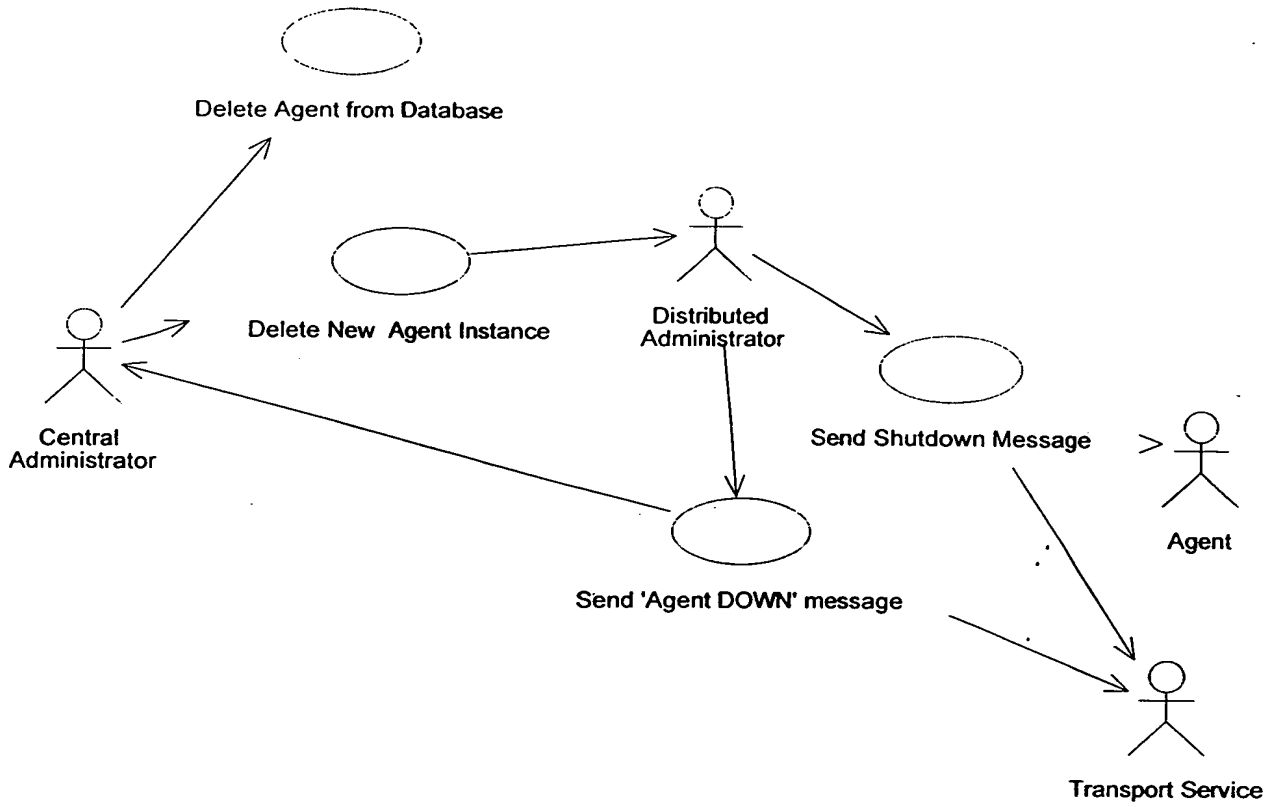

Identify Components
Central Administrator
Container
This has the old and new
Send 'PAUSE' Message
Transport Service
Component

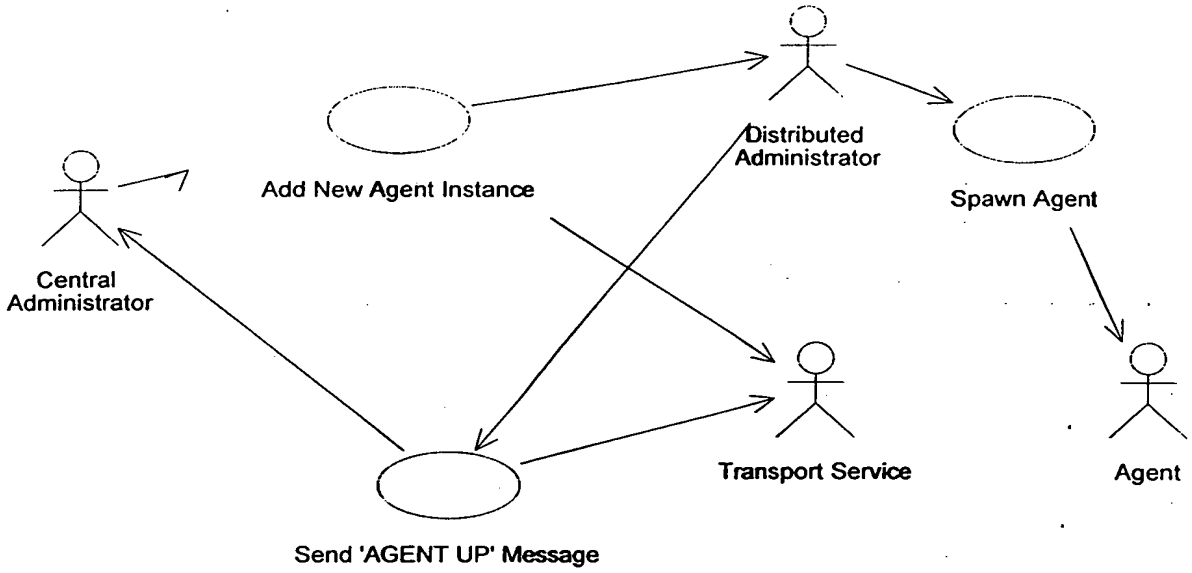

Container
Restart Component
Component
Central
Administrator
Send 'RESTART' message
Read Context and Start
Transport Service

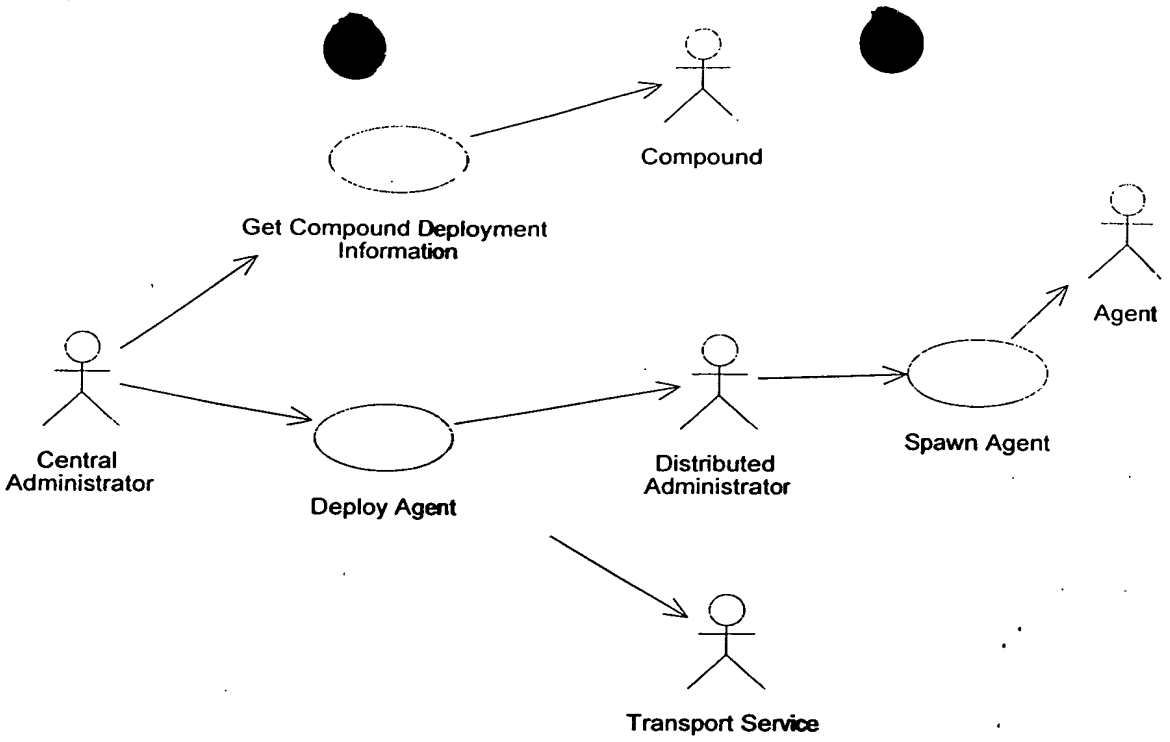

Component
Write out Context and shutdown
Container
Reload Component

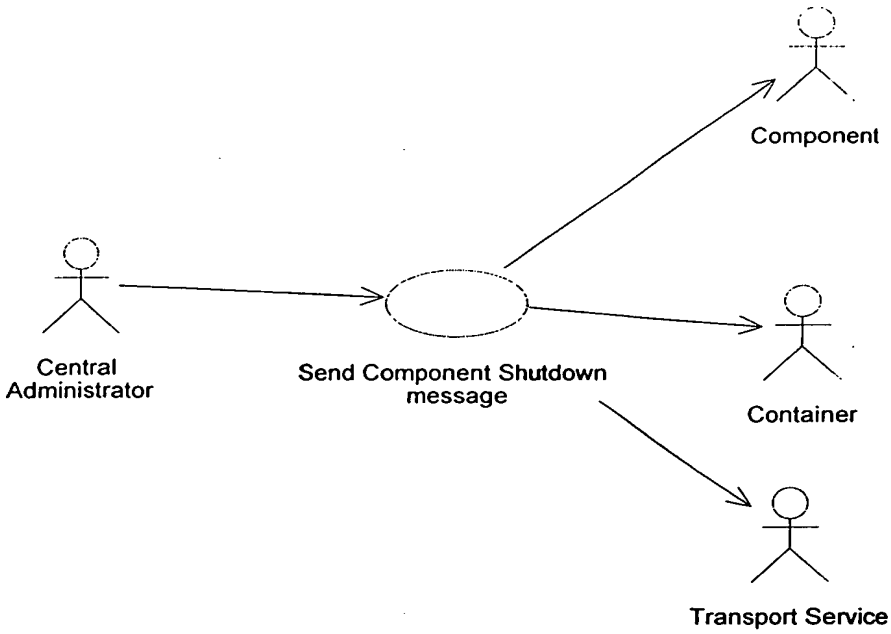

Compound
Get Compound Deployment Information
Central Administrator
Agent
Configure Agent
Configure Component
Component
Transport Service

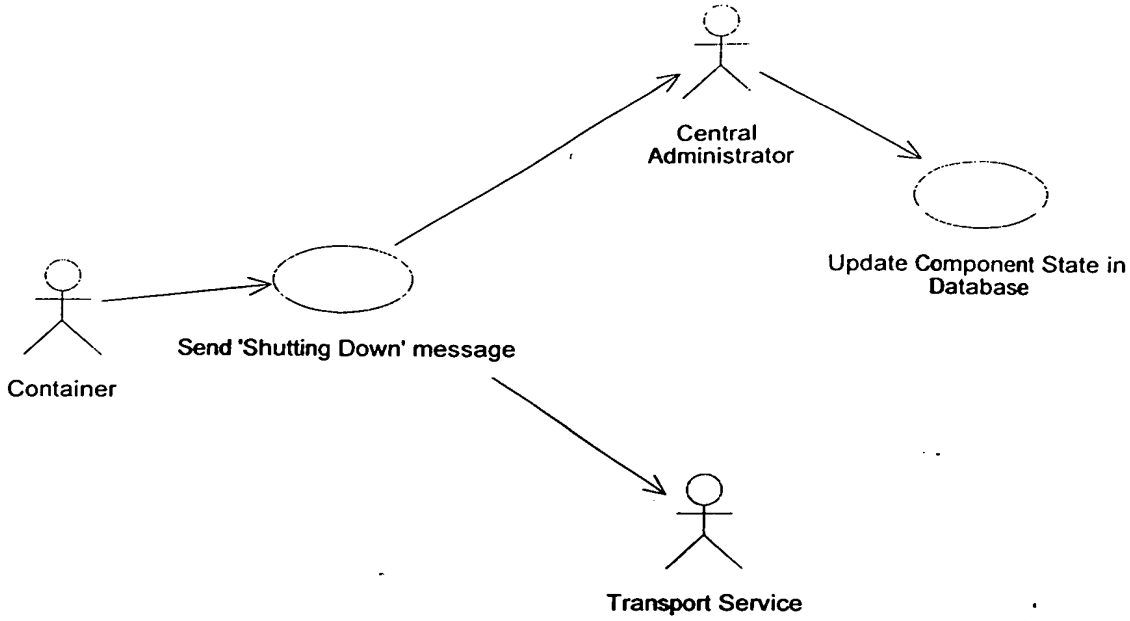

Component
Container
Health-check
Distributed
Administrator
Transport Service

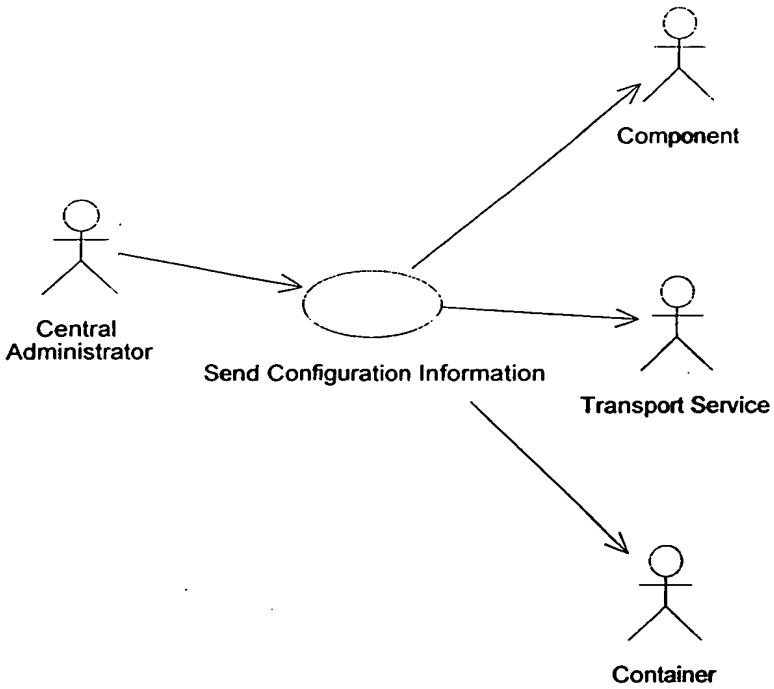

Delete Agent from Database
Delete New Agent Instance
Distributed Administrator
Central Administrator
Send Shutdown Message
Agent
Send 'Agent DOWN' message
Transport Service

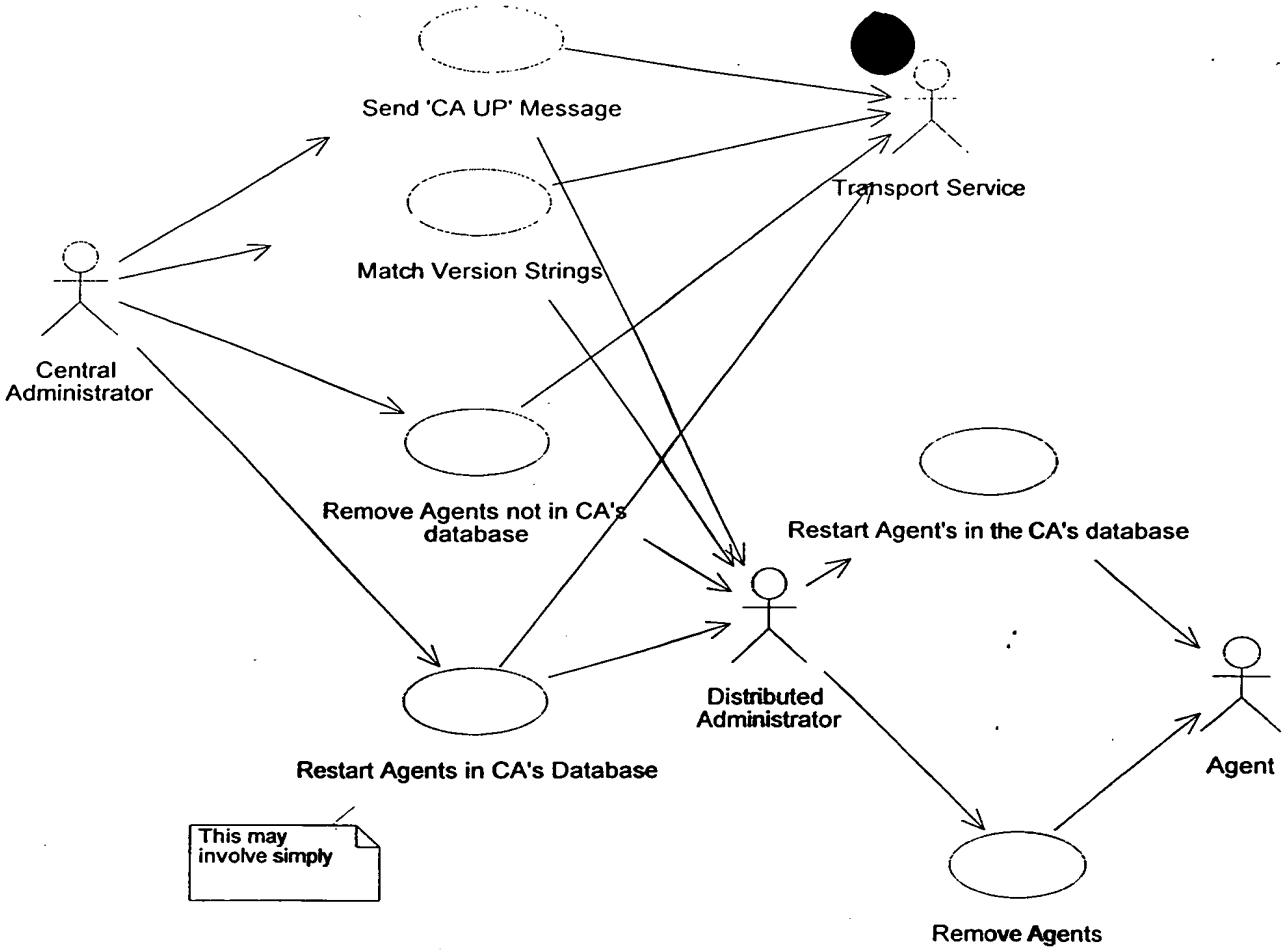

Distributed Administrator
Add New Agent Instance
Spawn Agent
Central Administrator
Transport Service
Agent
Send 'AGENT UP' Message


Compound
Get Compound Deployment Information
Agent
Central Administrator
Deploy Agent
Distributed Administrator
Spawn Agent
Transport Service

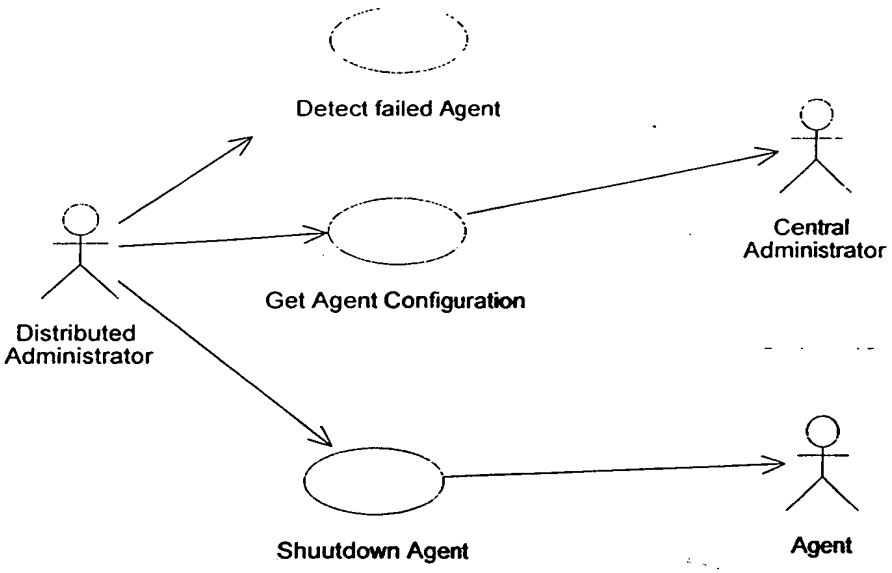

Component
Central Administrator
Send Component Shutdown message
Container
Transport Service

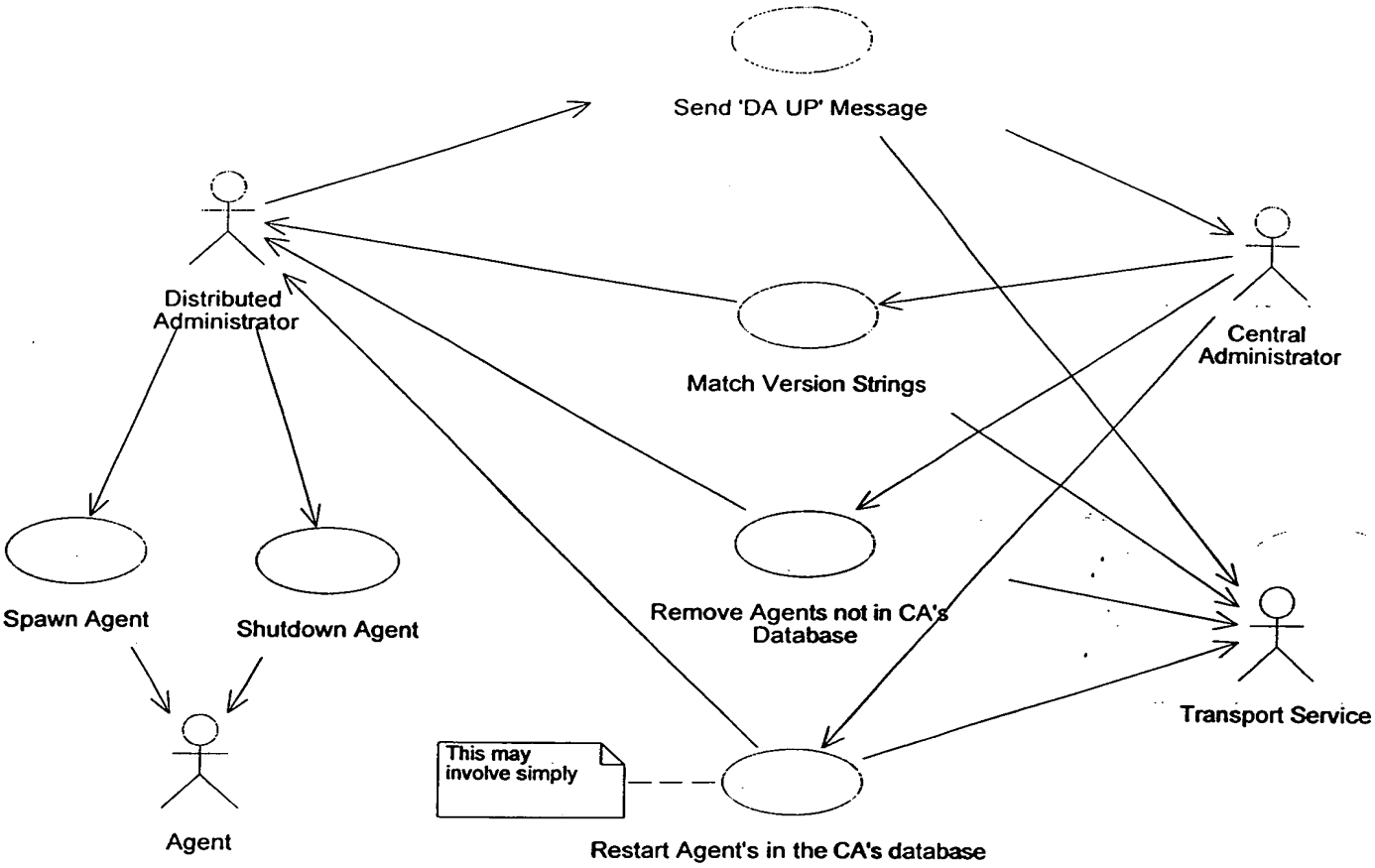

Central
Administrator
Update Component State in
Database
Container
Send 'Shutting Down' message
Transport Service

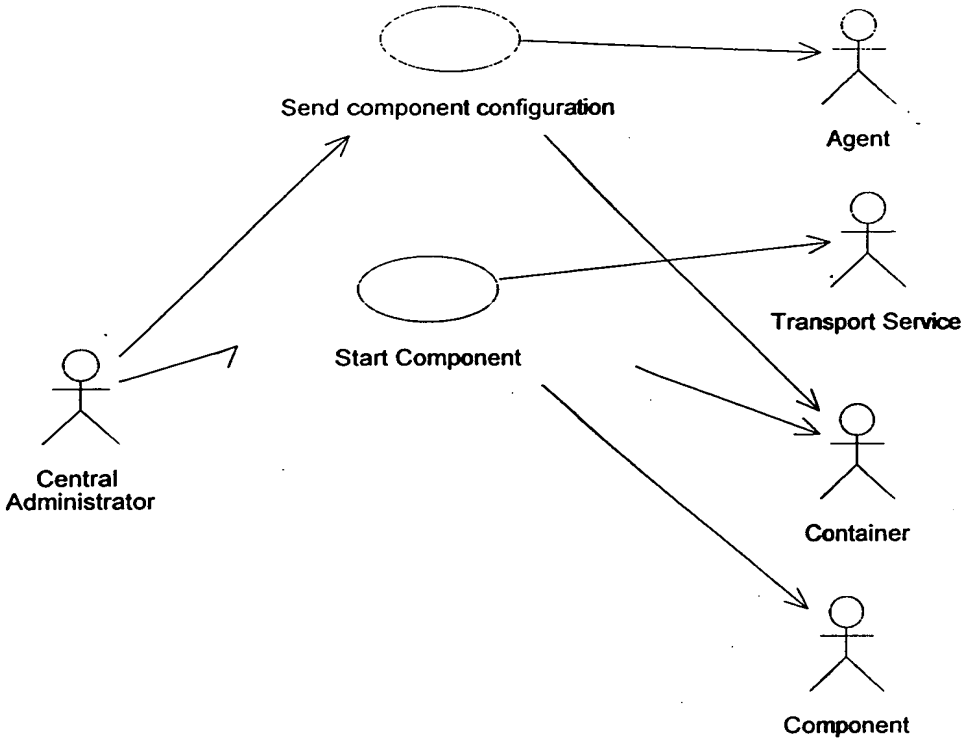

Component
Central
Administrator
Send Configuration Information
Transport Service
Container

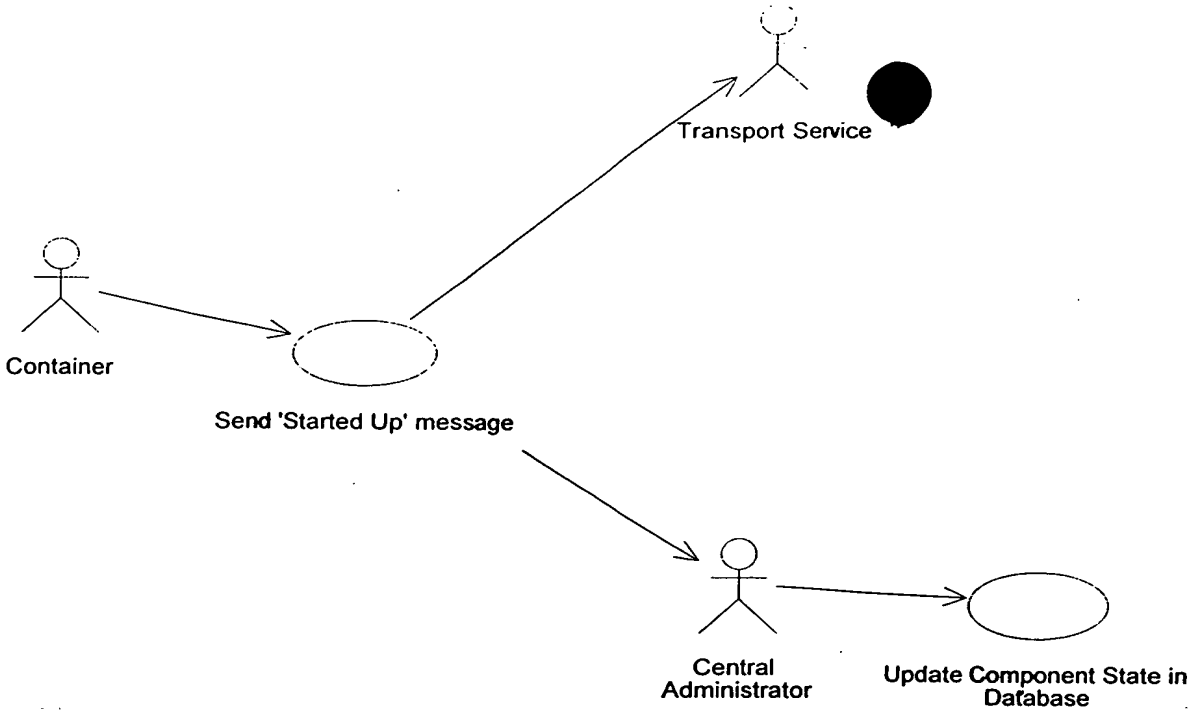


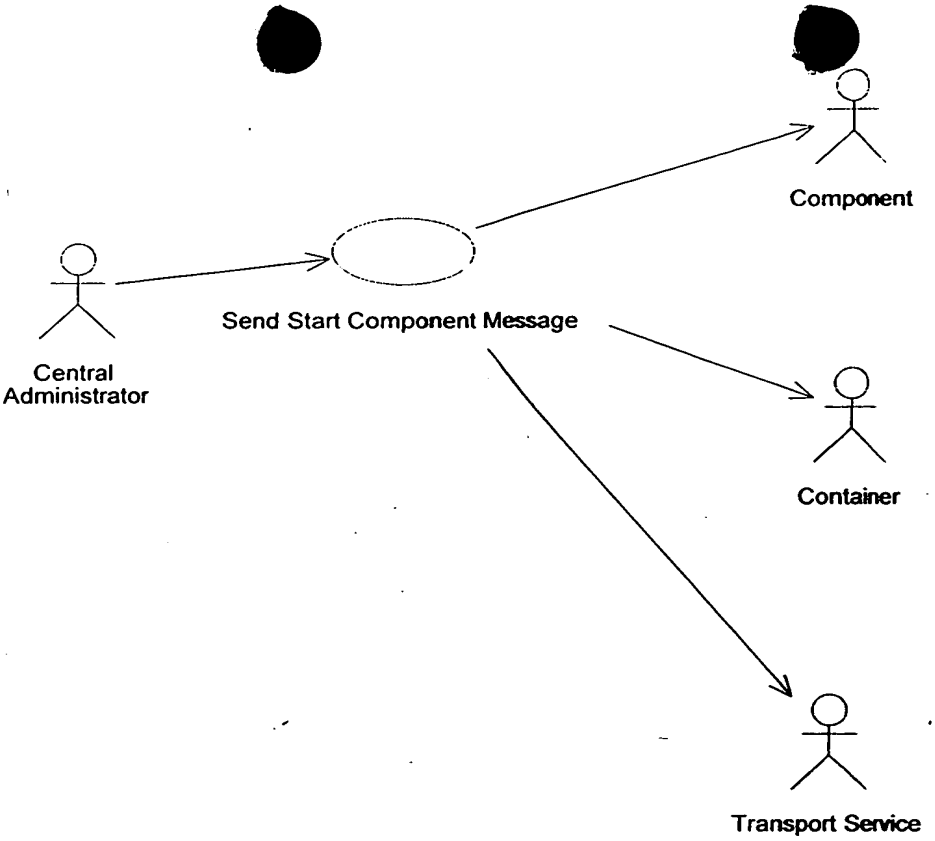
Oracle Confidential


Detect failed Agent
Central
Administrator
Get Agent Configuration
Distributed
Administrator
Shuutdown Agent
Agent


Send 'DA UP' Message
Distributed Administrator
Central Administrator
Match Version Strings
Spawn Agent
Shutdown Agent
Remove Agents not in CA's Database
Transport Service
This may involve simply
Agent
Restart Agent's in the CA's database


Send component configuration
Agent
Transport Service
Start Component
Central
Administrator
Container
Component


Transport Service
Container
Send 'Started Up' message
Central Administrator
Update Component State in Database


Component
Send Start Component Message
Central
Administrator
Container
Transport Service